

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
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Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence involving the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 09/08/2004

James M Durlacher
Woodard Emhardt Naughton Moriarty and McNett
Bank One Center/Tower Suite 3700
111 Monument Circle
Indianapolis, IN 46204-5137
12/14/2004 MMFKDNE1 00000061 09585061

01 FC:1506 1370.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

| | |
|--------------------|--|
| James M. Durlacher | |
| (Depositor's name) | |
| James M. Durlacher | |
| (Signature) | |
| December 8, 2004 | |
| (Date) | |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/585,061 | 06/01/2000 | Samuel M.D. Norville | 9105-3/JMD | 5737 |

TITLE OF INVENTION: APPARATUS FOR AND METHOD OF PRODUCING ON-DEMAND SEMI-SOLID MATERIAL FOR CASTINGS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1330 | \$0 | \$1330 | 12/08/2004 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|----------------|----------|----------------|
| DUNN, THOMAS G | 1725 | 164-113000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

WOODARD EMHARDT, MORIARTY,

1 MCNETT & HENRY LLP
PATENT AND TRADEMARK ATTORNEYS
2 BANK ONE CENTER TOWER
111 MONUMENT CIRCLE, SUITE 3700
3 INDIANAPOLIS, INDIANA 46204-5137

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

30 00 0800 1 63000000 13H0KEM 400514152 12/14/2004 MMFKDNE1 00000062 233030 09585061

AEMP Corporation 30 00.0561 30 00.5 Jackson, Tennessee 01 FC:1501 30.00 DA 1370.00 OP

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-3080 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

James M. Durlacher

Date December 8, 2004

Typed or printed name

James M. Durlacher

Registration No. 28,840

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Effective on 10/01/2004. Patent fees are subject to annual revision.

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
1370

Complete if Known

| | |
|----------------------|----------------------|
| Application Number | 09/585,061 |
| Filing Date | 06/01/2000 |
| First Named Inventor | Samuel M.D. Norville |
| Examiner Name | Dunn, Thomas G. |
| Art Unit | 1725 |
| Attorney Docket No. | 9105-3 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order

Deposit Account None

Deposit Account Number
23-3030

Deposit Account Name
Woodard, Emhardt et al

The Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below
- Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
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to the above-identified deposit account.

Other (please identify): _____

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING FEE

| Fee Description | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|------------------------|----------|-----------------------|---------------|
| Utility Filing Fee | 790 | 395 | _____ |
| Design Filing Fee | 350 | 175 | _____ |
| Plant Filing Fee | 550 | 275 | _____ |
| Reissue Filing Fee | 790 | 395 | _____ |
| Provisional Filing Fee | 160 | 80 | _____ |

Subtotal (1) \$

Subtotal (2) \$

2. EXTRA CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|---|---------------------|-----------------------|
| Each claim over 20 | 18 | 9 |
| Each independent claim over 3 | 88 | 44 |
| Multiple dependent claims | 300 | 150 |
| For Reissues, each claim over 20 and more than in the original patent | 18 | 9 |
| For Reissues, each independent claim more than in the original patent | 88 | 44 |
| Total Claims | Extra Claims | Fee (\$) |
| - 20 or HP = | x | = |
| HP = highest number of total claims paid for, if greater than 20 | | |
| Indep. Claims | Extra Claims | Fee (\$) |
| - 3 or HP = | x | = |
| HP = highest number of independent claims paid for, if greater than 3 | | |
| Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
| | | |

Subtotal (2) \$

3. OTHER FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|-------------------------------------|----------|-----------------------|---------------|
| 1-month extension of time | 110 | 55 | _____ |
| 2-month extension of time | 430 | 215 | _____ |
| 3-month extension of time | 980 | 490 | _____ |
| 4-month extension of time | 1,530 | 765 | _____ |
| 5-month extension of time | 2,080 | 1,040 | _____ |
| Information disclosure stmt. fee | 180 | 180 | _____ |
| 37 CFR 1.17(q) processing fee | 50 | 50 | _____ |
| Non-English specification | 130 | 130 | _____ |
| Notice of Appeal | 340 | 170 | _____ |
| Filing a brief in support of appeal | 340 | 170 | _____ |
| Request for oral hearing | 300 | 150 | _____ |
| Other: Issue Fee | | | 1370 |

Subtotal (3) \$ **1370.00**

SUBMITTED BY

| | | | |
|-------------------|--------------------|---|--------------------------|
| Signature | James M. Durlacher | Registration No. (Attorney/Agent) 28,840 | Telephone (317) 634-3456 |
| Name (Print/Type) | James M. Durlacher | Date Dec. 8, 2004 | |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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December 8, 2004

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Sir:

The enclosed PTO-2038 form authorizes the issue fee payment in the amount and manner set forth to be charged to American Express Card number stated on said form. Please charge any additional fees which may be due or credit any overpayments to deposit account No. 23-3030.

- Issue fee due on Samuel M.D. Norville application, Serial No. 09/585,061 entitled APPARATUS FOR AND METHOD OF PRODUCING ON-DEMAND SEMI-SOLID MATERIAL FOR CASTINGS - see attached sheet.

\$ 1370.00

TOTAL BALANCE TO BE PAID:

\$ 1370.00

Sincerely,

Kari K. Woehler

lds
Enclosures

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 8, 2004.

James M. Durlacher
Name of Registered Representative

Signature
December 8, 2004

Date of Signature